

DraftGrey



DraftGrey™ is a rigid material with medium opacity and smooth finish targeted for printing concept single material models at an affordable price.

	ASTM	Value
Tensile Strength	D-638-03	50 – 65 MPa (7,250 – 9,450 psi)
Elongation at Break	D-638-05	10 – 25%
Modulus of Elasticity	D-638-04	2,000 – 3,000 MPa (290,000 – 435,000 psi)
Flexural Strength	D-790-03	75 – 110 MPa (11,000 – 16,000 psi)
Flexural Modulus	D-790-04	2,200 – 3,200 MPa (320,000 – 465,000 psi)
HDT, °C @ 0.45 MPa	D-648-06	45 – 50 °C (113 – 122 °F)
HDT, °C @ 1.82 MPa	D-648-07	45 – 50 °C (113 – 122 °F)
Izod Notched Impact	D-256-06	20 – 30 J/m (0.375 – 0.562 ft-lb/inch)
Water Absorption	D-570-98 24hr	1.1 – 1.5%
Tg	D-7028 (DMA)	52 – 54 °C (126 – 129 °F)
Shore Hardness	Scale D	83 – 86 (Scale D)
Rockwell Hardness	Scale M	73 – 76 (Scale M)
Polymerized Density	Scale D-792	1.17 – 1.18 g/cm ³
Ash Content	USP281	0.23 – 0.26%

System Availability

Printer	Minimum Layer Thickness	Support Structure	Available Colors
J826™ Prime / J835™	14 microns (0.00055 in.)	SUP705™ (water jet removable) SUP706B™ (soluble)	DraftGrey
J850™ Pro / J850 Prime	14 microns (0.00055 in.)	SUP705™ (water jet removable) SUP706B™ (soluble)	DraftGrey
J55™	18 microns (0.0007 in.)	SUP710™ (soluble)	DraftGrey
Objet30™ ¹	16 microns (0.0006 in.)	SUP705 (water jet removable) SUP706B (soluble)	DraftGrey

¹Objet30 V3 and above using GrabCAD Print.

Stratasys Headquarters

7665 Commerce Way,
Eden Prairie, MN 55344
+1 800 801 6491 (US Toll Free)
+1 952 937-3000 (Intl)
+1 952 937-0070 (Fax)

1 Holtzman St., Science Park,
PO Box 2496
Rehovot 76124, Israel
+972 74 745 4000
+972 74 745 5000 (Fax)

stratasys.com

ISO 9001:2015 Certified

© 2021 Stratasys. All rights reserved. Stratasys and the Stratasys Signet logo are registered trademarks of Stratasys Inc. DraftGrey, Objet30, Objet24, J55, J826, J835, J850, SUP705, SUP710, SUP706B and PolyJet are trademarks of Stratasys, Inc. All other trademarks are the property of their respective owners, and Stratasys assumes no responsibility with regard to the selection, performance, or use of these non-Stratasys products. Product specifications subject to change without notice. MDS_PJ_DraftGrey_0221a

